

Converting Colors

CIELCh(64, 32.545, 2.591)

Have a look what the booklet for
CIELCh(64, 32.545, 2.591) contains.

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Color

CIELCh(64, 32.340, 2.232)

Conversions

Conversions Part 1

Format	Color
Hex	D2859A
RGB	210, 133, 154
RGB Percent	82%, 52%, 60%
CMY	0.1765, 0.4785, 0.3961
CMYK	0.00, 0.37, 0.27, 0.18
HSL	344°, 46%, 67%
HSV	344°, 37%, 82%
XYZ	40.7893, 32.8017, 34.7460
YIQ	158.4170, 39.1510, 22.8550

Conversions

Conversions Part 2

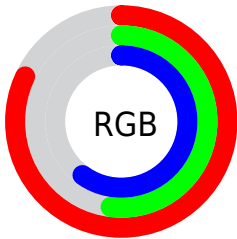
Format	Color
R _Y B	210, 133, 154
Decimal	13796762
CIE Lab	64.00, 32.32, 1.26
CIE LCh	64, 32.340, 2.232
Yxy	32.8017, 0.3765, 0.3028
Android (android.graphics.Color)	4291986842 (0xFFD2859A)
YUV	158.4170, -2.1776, 45.2383
Hunter-Lab	57.2727, 26.8994, 4.1212

Details

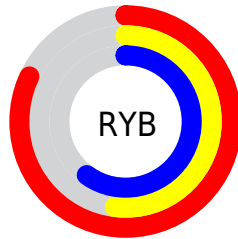
The CIELCh color $64, 32.340, 2.232$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 28.643, 174.193$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.528, 358.240$, and $44, 32.407, 2.439$ is the 20% darker color. If you saturate the color by 10%, you get $59, 41.476, 4.022$, and if you desaturate by 10%, it is $69, 23.181, 0.763$.

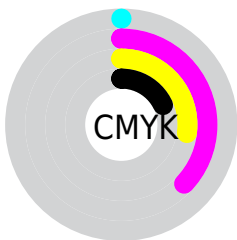
Distribution



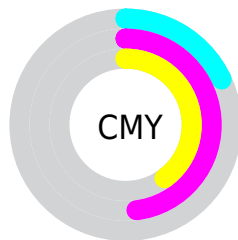
- Red (82%)
- Green (52%)
- Blue (60%)



- Red (82%)
- Yellow (52%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (18%)



- Cyan (18%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 32.340, 2.232 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 64, 32.340, 2.232 by changing the saturation by 10% instead.

 64, 32.340, 2.232  64, 32.340, 2.232

 100, 32.340, 2.232  54, 32.340, 2.232

 84, 32.340, 2.232  44, 32.340, 2.232

 94, 32.340, 2.232  34, 32.340, 2.232

 24, 32.340, 2.232

 14, 32.340, 2.232

 4, 32.340, 2.232

 0, 32.340, 2.232

 64, 32.340, 2.232  64, 32.340, 2.232

 59, 41.476, 4.022  69, 23.181, 0.763

55, 50.289, 6.240

75, 14.215,
359.520

51, 58.387, 9.036

80, 5.565, 358.414

48, 65.389, 12.578

86, 2.710, 177.778

46, 71.080, 17.005

92, 10.593,
176.835

45, 75.591, 22.290

44, 77.066, 24.072

97, 16.102,
181.017

97, 15.005,
198.506

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64, 32.340, 2.232



79, 28.643, 174.193

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64, 32.340, 2.232



64, 32.340, 52.232



64, 32.340, 182.232



64, 32.340, 232.232

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64, 32.337, 2.235



93, 10.856, 358.900



63, 46.800, 317.826



48, 7.316, 359.050



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 32.337, 2.235



72, 45.737, 3.601



67, 27.190, 40.963



41, 4.749, 358.713



35, 64.965, 23.098



4, 20.401, 6.889

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64, 32.337, 2.235



72, 45.737, 3.601



75, 21.012, 223.718



41, 4.749, 358.713



35, 64.965, 23.098



4, 20.401, 6.889

Previews

White Background



This preview shows how the CIELCh color 64, 32.340, 2.232 looks on a white background.

Color Contrast Check

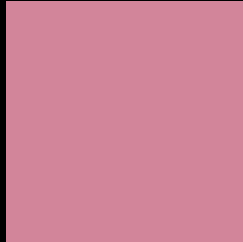
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 64, 32.340, 2.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

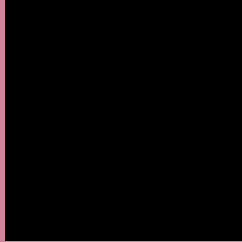
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 32.340, 2.232

Background



This preview shows how black text looks on a background with the CIELCh color 64, 32.340, 2.232.



This preview shows how white text looks on a background with the CIELCh color 64, 32.340, 2.232.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64, 32.340, 2.232

Protanopia

64, 6.691, 290.899

Deuteranopia

64, 8.682, 16.538



Tritanopia
64, 30.345, 12.350

Trichromacy



Original Color
64, 32.340, 2.232

Protanomaly
64, 13.638, 343.063

Deuteranomaly
64, 17.195, 6.278

Tritanomaly
64, 30.925, 8.505

Monochromacy



Original Color
64, 32.340, 2.232

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 11.783, 358.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 32.340, 2.232 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 133, 154)` looks like.

```
.text, #text, p{  
    color:rgb(210, 133, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 133, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 133, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 32.340, 2.232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 133, 154) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 133, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 133, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 133, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 133, 154);  
box-shadow:4px 4px 4px 4px rgb(210, 133,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 32.340, 2.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 133, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
133, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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